



1746

In the United States Patent and Trademark Office

Applicant: Siegel
Serial No.: 10/072,432
Filed: 02/08/2002
For: Process and Composition for Removing Biofilm

Examiner: Carillo
Art Unit: 1746

Mail Stop Amendment-No Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

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TRANSMITTAL

Dear Sir:

Please find enclosed for filing:

☒ Post Card
☒ Supplemental Amendment

Date: August 13, 2003
Docket No.: 1050-5

Respectfully submitted,

John Lezdey
Registration No. 22,735
John Lezdey & Associates
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John Lezdey

SIGNATURE OF PERSON SIGNING CERTIFICATE

08/13/03
SIGNATURE DATE



In the United States Patent and Trademark Office

Applicant: Siegel
Serial No.: 10/072,432 Examiner: Carrillo
Filed: 02/08/2002 Art Unit: 1746
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Supplemental Amendment Under 37 CFR 1.111 and 1.115

In response to the official action of June 23, 2003, kindly enter the following amendment.

In the Claims

The status of the claims are as follows:

Claims 1-24, cancelled.

(previously added)
25. (new) An antimicrobial composition for removing biofilm from a medical line which comprises an acidic solution comprising:

1. an effective amount of a monobasic iodide salt;
2. an effective amount of an organic acid having up to six carbon atoms;
3. an effective amount of at least one oxidizing agent, and;
4. an inorganic phosphate buffer

said solution having a pH of about 2 to 5, and said composition being free of persulfate salts.

previously added

26. (new) The composition of claim 25 wherein said iodide salt is an alkali metal salt in an amount of at least 0.01 to 0.5% by weight of composition and said organic acid is a dicarboxylic acid in an amount of about 0.1 to 1% by weight.

previously added

27. (new) The composition of claim 25 wherein said organic acid is selected from the group consisting of citric acid, ascorbic acid, and oxalic acid.

previously added

28. (new) The composition of claim 25 wherein said oxidizing agent is selected from the group consisting of sodium percarbonate, sodium perborate, urea hydrogen peroxide and mixtures thereof.

previously added

29. (new) The composition of claim 25 wherein said buffer is selected from the group consisting of mono and dibasic alkali metal hydrogen phosphate salts.

previously added

30. (new) The composition of claim 29 wherein said buffer is potassium hydrogen phosphate.

previously added

31. (new) A method for removing biofilm from a medical line which comprises treating said medical line with composition of claim 25 in an effective amount to remove biofilm.

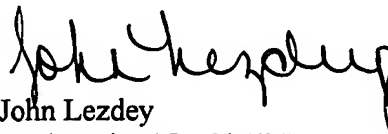
32. (cancelled)

Remarks

Submitted is a listing of all of the claims in the case.

Favorable action is earnestly solicited.

Respectfully submitted,



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